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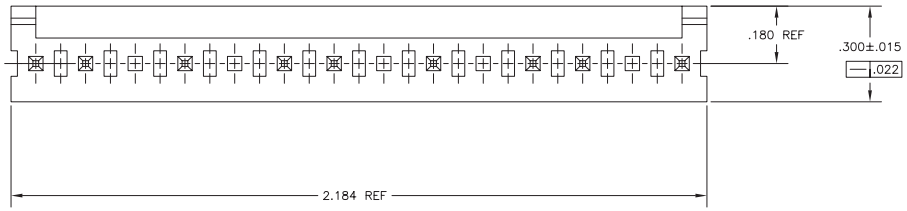
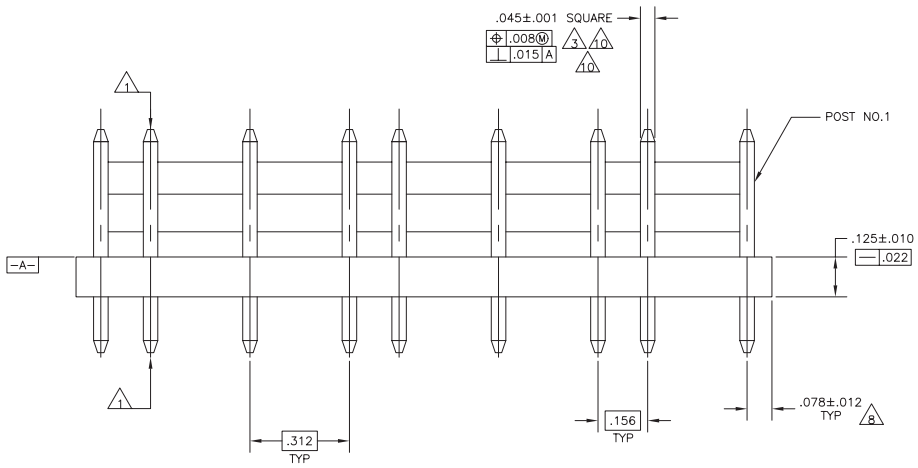
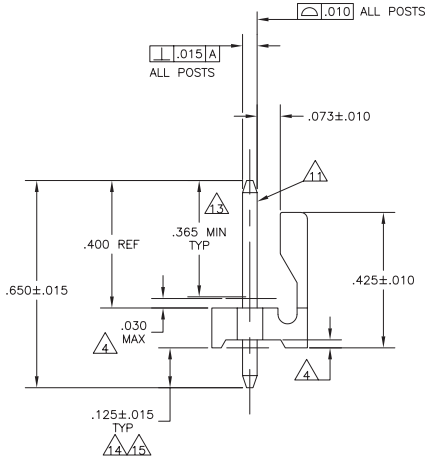
LOC	DIST
CM	00

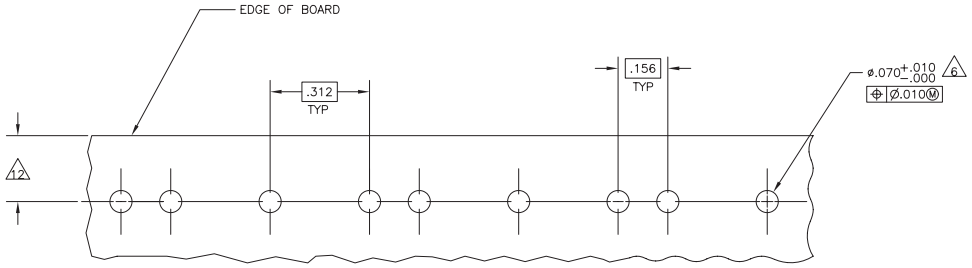
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	H	REVISED PER ECO-08-017244	14JUL08	HMR	DB









RECOMMENDED MOUNTING HOLE PATTERN
FOR .063 THICK P.C. BOARD 2

1. POST TO WITHSTAND 13 NEWTONS (3LBS.) MIN. AXIAL FORCE IN BOTH DIRECTIONS SHOWN WITHOUT DISLODGING.
2. TOLERANCES APPLY TO SOLDER SIDE OF BOARD.
3. MEASURED AT SURFACE -A-
4. PLASTIC FLASH PERMITTED IN THIS AREA.
5. PARTS COMPLY WITH AMP SOLDERABILITY SPEC. NO. 109-11-2.
6. ONE HOLE MAY BE UNDERSIZED (.065/.060 DIA.) FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
7. MATERIAL: HEADER-THERMOPLASTIC POLYESTER GLASS-FILLED 94V-0 (NATURAL) POST-COPPER ALLOY (SEE TABLE FOR PLATING)
8. COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE.
9. PLASTIC BURRS CAUSED BY CUT-OFF TOOLING ARE PERMITTED WITHIN THE MAXIMUM TOLERANCE ENVELOPE.
10. POST TO BE MEASURED WHEN STRIP IS HELD FLAT.
11. POST MUST WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.
12. DIMENSION SHOULD BE .175 MIN WHEN MATING WITH A MTA 156 CONNECTOR ASSEMBLY OR A SL-156 CONNECTOR ASSEMBLY.
13. GOLD PLATE AREA, .000015 MIN., ALL SIDES, OVER NICKEL UNDERPLATE, .000050 MIN., ALL SIDES AND ENTIRE LENGTH OF POST.
14. BRIGHT TIN/LEAD (93/7) PLATE AREA, .000150-.000350 THICK, ALL FOUR SIDES, .125 MIN.
15. MATTE TIN PLATE AREA .000150-.000350 THICK, ALL FOUR SIDES, .125 MIN.

.063	1.60	2.184	55.47
.060	1.52	.650	16.51
.045	1.14	.400	10.16
.030	0.76	.425	10.80
.022	0.56	.365	9.27
.015	0.38	.312	7.92
.012	0.30	.300	7.62
.010	0.25	.180	4.57
.008	0.20	.175	4.45
.005	0.13	.156	3.96
.001	0.03	.125	3.18
.000350	0.00889	.078	1.98
.000150	0.00381	.070	1.78
.000050	0.00127	.068	1.73
.000015	0.00038	.065	1.65
[IN]	MM	[IN]	MM

CONVERSION TABLE

644061-1 SHOWN

PLATING	POST NUMBER OMITTED	PART NUMBER
13,14,15	2,5,7,10 & 12	3-644061-1
13,14,15	2,5,7,10 & 12	644061-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 4 PLC ± - ANGLES ± -
MATERIAL 7
FINISH 7

DWN S. HOOVER 07NOV02
CHK D. BOSSI 07NOV02
APVD D. BOSSI 07NOV02
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —
CUSTOMER DRAWING

Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME MTA-.156 HEADER ASSEMBLY, FRICTION LOCK, STRAIGHT, .045 SQUARE POST, .000015 GOLD, 14 POSITION, OMITTED POST

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-644061 | RESTRICTED TO —

SCALE 5:1 | SHEET 1 OF 1 | REV H

METRIC